

### Remarks

Reconsideration of the application is respectfully requested in view of the foregoing amendments and following remarks. This amendment adds new claims 99-142, and cancels claims 27-49, 71-79, and 82-98. Upon entering this amendment, claims 99-142 are pending in the application. Claims 99, 107, 113, 121, 129, and 135 are independent.

In the Office Action mailed February 9, 2004, at page 2, the Examiner requested three references from Applicant. Applicant respectfully provides the described references herewith in an Information Disclosure Statement. Additionally, Applicant provides another reference, and respectfully requests consideration of all references.

Additionally, in the Office Action mailed February 9, 2004, at page 2, the Examiner requested Applicant to link any means plus function claims to corresponding structure, material, or acts in the specification. Applicant respectfully cancels claim 81 without prejudice.

Finally, in the Office Action mailed February 9, 2004, at page 3, the Examiner requested specific distinctions that render remaining claims 83 and 95-97 patentable in view of Examiner's arguments (1) in the Office Action dated May 21, 2003, at page 10, lines 16-22, and (2) in the attachment to Advisory Action mailed October 17, 2003. Although claims 83, and 95-97 have been canceled, Applicant indicates below why new claims 99-142 are patentable in view of the Office Action mailed February 9, 2004. Thus, under 37 C.F.R. § 1.111(b), Applicant comments below on why the "newly presented claims" are "believed patentable over any applied references."

### *Applied References*

U.S. Patent No. 5,261,080 to Khoyi et al. ("Khoyi") is entitled "Matchmaker for Assisting and Executing the Providing and Conversion of Data Between Objects in a Data Processing System Storing Data in Typed Objects Having Different Data Formats," and U.S. Patent No. 5,280,610 to Travis et al. ("Travis") is entitled "Methods and Apparatus for Implementing Databases to Provide Object-Oriented Invocation of Applications."

### *New Claims*

New claims 99-142 recite various patentably distinct subject matter not taught or suggested by Khoyi, or by Khoyi in view of Travis. For example, Khoyi discusses "object

managers of two data structures may communicate regarding available exchange formats and which arbitrates a choice of a format for a data exchange.” See e.g., col. 4, lines 25-30. Additionally, Travis discusses “server registration is to find method servers which are available to service requests from messages.” See e.g., col. 18, lines 42-44. However, a Khoyi-Travis combination fails to teach or suggest, for example, new claim 113 which recites in part “under control of server code, storing the data format information in a persistent registry so that a client can retrieve the data format information from the registry and determine the data formats that are supported by the server.”

*New claims 99-106*

For example, claim 99 recites “under control of the client, retrieving from the persistent registry the stored data format information.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “under control of the client, retrieving from the persistent registry the stored data format information.” For at least this reason, claim 99 is patentable over Khoyi in view of Travis. Additionally, claims 100-106 depend on claim 99 and are patentable for at least the reasons stated for claim 99. Such action is respectfully requested.

*New claims 107-112*

For example, claim 107 recites “retrieving from a persistent registry data format information, the data format information being provided by server code for storage in the persistent registry.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “retrieving from a persistent registry data format information, the data format information being provided by server code for storage in the persistent registry.” For at least this reason, claim 107 is patentable over Khoyi in view of Travis. Additionally, claims 108-112 depend on claim 107 and are patentable for at least the reasons stated for claim 107. Such action is respectfully requested.

*New claims 113-120*

For example, claim 113 recites “under control of server code, storing the data format information in a persistent registry so that a client can retrieve the data format information from the registry and determine the data formats that are supported by the server.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “under control of server code, storing the data format information in a persistent registry so that a client can retrieve the data format information from the registry and determine the data formats that are supported by the server.” For at least this reason, claim 113 is patentable over Khoyi in view of Travis. Additionally, claims 114-120 depend on claim 113 and are patentable for at least the reasons stated for claim 113. Such action is respectfully requested.

*New claims 121-128*

For example, claim 121 recites “under control of server code, providing the data format information; storing the provided data format information in a persistent registry.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “under control of server code, providing the data format information; storing the provided data format information in a persistent registry.” For at least this reason, claim 121 is patentable over Khoyi in view of Travis. Additionally, claims 122-128 depend on claim 121 and are patentable for at least the reasons stated for claim 121. Such action is respectfully requested.

*New claims 129-134*

For example, claim 129 recites “retrieving from a persistent registry data format information, the data format information being provided by server code for storage in the persistent registry.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “retrieving from a persistent registry data format information, the data format information being provided by server code for storage in the persistent registry.” For at least this reason, claim 129 is patentable over Khoyi in view of Travis. Additionally, claims 130-134 depend on claim 129

and are patentable for at least the reasons stated for claim 129. Such action is respectfully requested.

*New claims 135-142*

For example, claim 135 recites “under control of server code, storing the data format information in a persistent registry so that a client can retrieve the data format information from the registry.” See the Specification, e.g., page 6, lines 5-12, page 17, lines 32-35, page 24 line 20 through page 25 line 11, and etc. Khoyi in view of Travis fails to teach or suggest “under control of server code, storing the data format information in a persistent registry so that a client can retrieve the data format information from the registry.” For at least this reason, claim 135 is patentable over Khoyi in view of Travis. Additionally, claims 135-142 depend on claim 135 and are patentable for at least the reasons stated for claim 135. Such action is respectfully requested.

For at least these reasons, claims 99-142 are allowable over Khoyi in view of Travis. Such action is respectfully requested.

***Request For Interview***

If any issues remain, the Examiner is formally requested to contact the undersigned attorney prior to issuance of the next Office Action in order to arrange a telephonic interview. It is believed that a brief discussion of the merits of the present application may expedite prosecution. Applicant submits the foregoing formal Amendment so that the Examiner may fully evaluate Applicant’s position, thereby enabling the interview to be more focused.

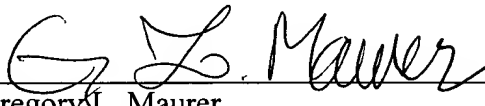
This request is being submitted under MPEP § 713.01, which indicates that an interview may be arranged in advance by a written request.

**Conclusion**

The claims in their present form should now be allowable. Such action is respectfully requested.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By   
Gregory L. Maurer  
Registration No. 43,781

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 226-7391  
Facsimile: (503) 228-9446